

PINKHAM AND THE "UNINVENTED" MACHINE

THE PRESIDENT OF THE BOARD OF HEALTH TELLS THAT BODY OF HIS CONNECTION WITH THE EXPERIMENTS FOR IMPROVING CONCRETE BLOCKS, THE MACHINE HE INVENTED AND THE RESULTS THAT HAVE BEEN ACCOMPLISHED.

At the meeting of the Board of Health this afternoon the following communication from President Pinkham was read:

Although important matters are before you I shall claim a few moments of your time.

The Hawaiian Islands are absolutely without any indigenous building material, except coral rock, now discarded, and volcanic rock. The latter is expensive and porous and needs backing to keep the moisture from penetrating clear through the wall in places. For several years a certain gentleman and myself have sought some material found on the Hawaiian Islands from which a good reliable building material could be made in Hawaii, by white skilled and unskilled labor resident in the Territory. The manufacture of brick had failed both in quality and commercially. My attention was called to "Sand Brick" extensively used in Germany, America and elsewhere. Samples of Hawaiian sand were sent to the manufacturers of the machinery for making sand brick; and tested by the manufacture of this Hawaiian material into sand bricks. Sand bricks are formed under pressure, then run into a receptacle where a high steam pressure works on the sand which has two to three per cent of lime mixed with it. The lime acts as a binder. Tests proved Hawaiian sand itself has about 62 per cent of lime which killed it for sand brick. Hawaiian rock sand was also tested and found impractical. The cost of a sand brick plant would be \$30,000 and upward.

My attention was called over eighteen months ago to concrete blocks. In connection with other gentlemen we made tests on hand machines, of which there are numerous examples in use. Our opinion was a better and more scientific and economical method was desirable, as well as a better block. Having some mechanical ingenuity I undertook to solve the problem.

Dr. Cooper and F. C. Smith, being friends of mine, were asked to observe what I was attempting. Full size blocks were made under pressure of 400 pounds per square inch, the hydraulic pressure being applied by hand in thirty seconds. The filling with concrete and removal of the form took by far too much time. There has always been a kick in this world because there has been, is and will be advances on plain stupid "Jackass" power and methods. The Honolulu Iron Works or any advanced mechanical establishment do not make a sample mill or machine before they receive an order for it. They take well established mechanical principles, well tested, and combine and apply them. They are absolutely sure of results as if the machine was in operation. The design of the machine and samples of blocks were submitted to two compe-

tent mechanical engineers and unqualifiedly approved. The drawings were re-drafted by as competent a mechanical draughtsman as there is in Honolulu. All factors of safety were increased to far beyond the theoretical factor of safety. The drawings have been for months in the hands of the manufacturers. Both the present and former Superintendent of Public Works knew of the project months before it was placed at the head of your board. The advantages and economies of this style of construction are well known to you, as they were explained to Dr. Sloggett, Dr. Cooper, Dr. Mays and Mr. Smith before I was joined with you. As I knew the Concrete Construction Co. would probably bid on the Asylum I withdrew from it on being appointed to the Board. As I received no salary this was no sacrifice to me. The Concrete Construction Co. has no exclusive claims to the machine. The facts as to its having been planned were known to other builders. It has been open to any other builders. None have ever applied for explanation or its use. The matter stands exactly where it did when I entered the Board. If progression is not desired, and some show for independence in Hawaii for local building materials "well and good" so far as I am concerned.

"Instead of manufacture on a commercial scale it is desired to adopt methods poor and crude in form and product, and which can be imitated by every Japanese builder in Hawaii also 'well and good.' I have spent no end of midnight work and very considerable money to give the Territory some progress and independence in building material. If after accomplishing the result the Government is to be deprived of the advantages because I happened to have been subsequently made President of the Board of Health it is not up to me. There may be other means of accomplishing the same result. The principles are fundamental ones, known to any well informed mechanic, and probably any ingenious man who will think and dig and work as I have can accomplish the same results. There has to be a beginning to all new things or there is no progress. The only money I ever received from the Concrete Construction Co. was a part of my agreed interest in the Koolau (Maui) Ditch contract. The only work the firm of Beardslee and Gill ever did for me was paid for in cash and I have the receipts to show for it. I beg your pardon for having thus imposed on your time and good nature."

A STRONG WIND.

The anemometer at the U. S. Weather Bureau in the Young Building recorded 38 miles an hour as the strongest wind that blew during the recent gale. This was at 10:55 last night, the wind then being from the northeast.

Star Want Ads pay. 25 cents.

NEVADAN MADE GOOD RUN.

The S. S. Nevada made a very good run from San Francisco arriving here about 2 o'clock yesterday afternoon in 6 days and 22 hours. She encountered good weather during the trip. The vessel brought 1,000 tons of cargo for Honolulu and 1,500 tons of cargo for Kahului. She will sail for Kahului tomorrow evening at 5 o'clock. She will load a full cargo of sugar at that place.

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OVERRULES DEMURRER

HOLDS THAT THE SEGREGATION LAWS OF THE TERRITORY OF HAWAII ARE CONSTITUTIONAL AND THAT THE BOARD OF HEALTH WAS WITHIN THE STATUTORY REGULATIONS AND REQUIREMENTS IN THE MIKALA KAIPU CASE.

By a decision handed down in the United States District Court this morning by Judge Dole in the habeas corpus proceedings brought to secure the release of Mrs. Mikala Kaipu who is held as a leper at the Board of Health's detention station, it was decided that the board had acted within its rights in holding the woman. The question of fact will be determined tomorrow morning when the different doctors who

have examined the patient will testify as to whether she is suffering from the leprosy or not.

This morning's decision was on the demurrer made by Attorney C. W. Ashford to the return made by Attorney General Andrews on behalf of President Pinkham of the Board of Health to the application for a writ of

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TO EXTEND FORT STREET UP PAUOA VALLEY

CHARLES W. BOOTH OFFERS THE NECESSARY LAND AND RIGHT OF WAY TO THE GOVERNMENT FOR THE EXTENSION OF FORT STREET FROM ITS PRESENT TERMINAL TO A JUNCTION WITH THE GOVERNMENT ROAD.

Charles W. Booth has made an offer to the Territorial government to give a right of way for the extension of Fort Street from its present terminus at Pauoa Valley until it intersects with the government road now running up the valley not far from the Booth residence.

In addition he offers the right of way for an extension of Punchbowl street from a point near the bridge across the Pauoa stream, up the Waikiki side of the valley until it intersects the present government road higher up the valley.

All the necessary land and the right of way for these street extensions is offered if the government will improve the streets along the rights of way thus given.

Fort street which was formerly open to School street, has lately been opened up across Kuakini street to Pauoa road not far from the power house of the Pacific Heights electric road. The

grading and macadamizing of this new portion is now about completed. What Mr. Booth proposes is to give the necessary land to the government for the extension of the road, making a road of regulation width up the valley where there is now only a narrow and crooked government road.

The extension of Punchbowl street along the Waikiki side of the valley will carry it along the ridge that leads up to Tantalus, but will still be in the valley.

Pauoa valley in ancient times contained the residences of some of the most powerful of the Hawaiian chiefs. It is a well watered valley and some of the irrigation ditches now in use have been carrying water from time immemorial. The Booth residence was framed in New England and brought around the Horn over seventy years ago. The opening and improvement of Fort street to its present terminus is expected to greatly improve that part of the town.

HE MAY CONTEST GALBRAITH WILL

NEPHEW OF THE ERRATIC BUT WEALTHY OCTOGENARIAN MAY TAKE ACTION TO SET ASIDE THE OLD MAN'S LAST TESTAMENT. A BIG ESTATE WHICH WAS LEFT PRINCIPALLY TO FRIENDS OF LONG AGO IN IRELAND.

Rumor was busy in and about the Judiciary Building this morning over the estate of the late George Galbraith, the aged Irishman who died in the Queen's Hospital several weeks ago, and while nothing definite has been done in the matter, there seems at least strong probability that an effort will be made to break the will.

Galbraith was a familiar figure on the streets of Honolulu and no stranger who saw him would have guessed that he was worth well on to a quarter of a million dollars. Such however was the case, as the filing of his will by Cecil Brown a few days after the death of the old man conclusively showed.

Much of the estate is in lands at Wahiawa, the value of which is constantly rising, and on Monday when the probate proceedings were called in Judge Robinson's court Cecil Brown stated that he had upwards of \$130,000 in bonds belonging to the estate.

When Galbraith's will was filed it aroused considerable curiosity for the old man had apparently allowed his

mind to wander back to the days of his youth in Ireland and had left different sums, large and small to distant relatives of whose present existence he could hardly have been aware. His only relatives in Hawaii, so far as is known are a nephew named Hugo Galbraith, a rancher at Wahiawa, and this nephew's children. Hugo Galbraith was remembered in the will, but that was about all, a small annuity being directed paid him. Each of the children was also left a small sum. Several Honolulu people were made legatees for different amounts, but the bulk of the estate went to people living in Belfast or in different places in County Galway, Ireland, the names of which all seemed to begin with "Bally."

The Irish heirs had not been heard from when the case was called by Judge Robinson, so a stay of proceedings was given for ninety days. Meanwhile current rumor has it that the Wahiawa nephew will make a determined attempt to break the will. The ground on which it may be contested has not yet been made public.

C. R. BISHOP MAY SUCCEED ALVORD

IS ONE OF THE VICE PRESIDENTS OF THE BANK OF CALIFORNIA. DAMON ADVISED OF DEATH.

The death of W. H. Alvord the president of the Bank of California is of more than usual interest in Honolulu. He was well known to a number of local financiers both personally and through financial connections. The death of Alvord may mean that Charles R. Bishop will be elevated to the position of president of the Bank of

California. Mr. Bishop is now one of the vice presidents of the Bank of California and he may be made the president. A meeting of the stockholders will probably be called to elect a successor to President Alvord. S. M. Damon of Bishop and Company Bank received cable advices this morning of the death of President Alvord. Mr. Alvord was a man well advanced in years and had been ill for some months past.

HENSHALL GOES TO THE COAST. George F. Henshall of The Star editorial staff left today by the S. S. Alameda for San Francisco for a two months vacation. He will be absent about two months, during which time he will visit the southern part of the state. He may extend his trip east. Henshall is the local representative of the Associated Press.

Thousands For The Lepers

(Associated Press Cable to The Star.)

WASHINGTON, D. C., Dec. 21.—Congressman Hepburn of Iowa today introduced a bill appropriating \$100,000 for the establishment of a leprosy hospital in Hawaii, also a bill appropriating an additional \$250,000 for the purpose of establishing a leprosarium on some abandoned military reservation in the United States. Congress adjourned today to January 4.

GOING TO PORT ARTHUR

TOKIO, Dec. 21.—Foreign naval attaches and a parliamentary delegation are going to Port Arthur on the transport Manshu for the purpose of making observations of the progress of the siege of that place.

WELL KNOWN NAVAL MAN DEAD.

PORTSMOUTH, Dec. 21.—Admiral E. Ommanney died here today.

Sir Erasmus Ommanney was born in 1814 and was the seventh son of Sir F. M. Ommanney. He entered the navy in 1826 and was an admiral in 1877. He was present at the destruction of the Turkish fleet at the famous battle of Navarino in 1827. He accompanied the Arctic Expedition of 1838 in search of missing whalers. In 1850 he discovered the first winter quarters of Sir John Franklin, the missing Arctic explorer. He was then serving in the Arctic expedition. During the Russian war of 1854-55 Sir Erasmus commanded the British naval force in the White Sea and the Gulf of Riga, and in 1859 was in command of the Mediterranean squadron.

PRESIDENT ALVORD DIED TODAY.

SAN FRANCISCO, Dec. 21.—W. H. Alvord, president of the Bank of California, and formerly Police Commissioner of San Francisco, died here today.

BOOTY OF TUNKEEKWANSHAN.

Washington, December 21, 1904.

To Japanese Consul, Honolulu:

Port Arthur Army reports that our booty at the North Fort of Tunkewanshan are as follows: Four quickfiring, whereof two are usable; four machine guns, all usable; five field guns, which are now under investigation; besides rifles, shells, ammunition and grenades, etc. HIOKI.

BEETS GO UP.

SAN FRANCISCO, Dec. 20.—The London price of 88 analysis beets this day is 14 shillings, 3 pence. The last previous quotation was December 19-13 shillings, 9 pence.

INTER-ISLAND FREIGHT DAYS.

The steamer Mauna Loa will receive freight on Friday and Saturday for Maui and Hawaii ports and the steamer W. G. Hall on Saturday for Kauai ports. Both vessels will sail on time next Tuesday but no freight will be received on Monday.

PACIFIC CLUB CASE CONTINUED.

The Pacific Club case wherein A. S. Cleghorn as president of the organization, is charged with selling liquor without a license, was continued for one week by Judge Whitney this morning on agreement by counsel.

JUDGE DE BOLT TO MARRY.

The wedding of Judge J. T. De Bolt and Miss Birdie Wilson will occur tomorrow evening at 7 o'clock at the residence of J. A. Cummins in Nuuanu valley. A reception will follow the ceremony.

TOMORROW GIFT DAY.

Climbing monkeys and Li Hung Chang Balloons given away with purchases tomorrow at Sachs'.

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A pair of comfortable slippers will be appreciated on Christmas morning.

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Women's slippers for house wear. Felt slippers for cold nights.

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